		395 395 312 372 187
Σ		
0	A B	Same Charles to
	4	
_	A B	
6	A	
	B	
$\infty$	A B	
<b>!</b>	A B	
	m	
9	4	
$\mathbf{Z}$	A B	
<b>ا</b>	A B	
- ,	4	
	A B	
7	4	
	m	
m	A B	
	മ	
7	A B A B	
j	В	
-	4	

FIG. 1

 1 0cc			•
-22    :CAGGA CCC	υ υ υ	υ , ι , ι , ι , ι ,	
-240 -230   GAGTGT C GTGCAGCCT CCAGGA		*	- A
-240     GAGTGT C		) ) )	T
-250     CGTTAGTAT		0 0	
-260     TAG CCATGG			
-310 -300 -290 -280 -270 -260 -250 -240 -230 -220 -220 -220 -220 -220 -220 -22		9	FIG. 2A
5 ;	: :		=
-280               			
-290     GAGGAACT			
-300		1	·
-310 CCACCATGAATCAC	,		
tуре 1а 1b	2a 2b	3a 3a	4
type HCV 1 1a HCV J 1b	HC J6 HC J8	BR56 E-b8	92

-140 -130 -120 -110 -100 -90 -80 -70 -60 -60 -101 -101 -90 -90 -80 -70 -60 -60 -101 -101 -101 -101 -101 -101	CTC- CCC- CTC- CTC- CTC- CTC- CTC- CTC- CTC- CTC- CTC- CTC- T	ACAA		00 JI
TCTTG GA.TCAACCC GCTCAAT	26	15,16		
type HCV1 1a HCVJ 1b	HCJ6 2a JP62 2a GB81 2a HCJ8 2b	BR56 3a E-b8 3b	56 4 8079 4 8079 4 6880 4	

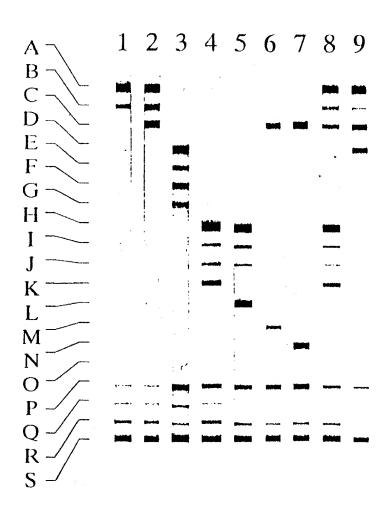


FIG. 3

		SEQ ID NO 61 SEQ ID NO 62		SEQ ID NO 63	SEQ ID NO 64	SEQ ID NO 65 SEQ ID NO 66		SEQ ID NO 80	
-240 -230 -220 -180 -170 -160 -150 -140 ref.	GAGTGTCGTGCAGCCTCCAGGACCC*AGTACACCGGAATTGCCAGGACGACGGGTCCTTTCTTGGATC.AA 1	2T	3	A	33	56	6A	54	
Туре	1a	무유유	2a	25 25	2c	0 0 0 0 0 0	335	30	
Iso- late	HCV-1	HCV-J BE82 BE90	HC-J6	HC-J8 BE91	BE92	BR56 BE93 BE94	HCV-TR	BE38	

FIG. 4A-1

SEQ ID NO 67 SEQ ID NO 68 SEQ ID NO 68	ON CI	SEQ ID NO 72 SEQ ID NO 73 SEQ ID NO 74		SEQ ID NO 71	SEQ ID NO 81	SEQ ID NO 76	SEQ ID NO 77	SEQ ID NO 75
Accession number -140 ref.			A	A-A	ATC	; ; ; ; ; ;	T.:	T
-150	38	2		40		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	53	49
-160 + -CGGTCTCCT	TGT	-CGAT -CGAT	b	gj-	92-	-C52		.CT
-180 -170						II		
*** 	37 37			39		51		 
-240 -230 + + +	TA	TT	TA	- - -	B	A	TA	TA
T 444	4 O	4, 4, 4, 4	) 'U	4 0 1	4£	49	4g	4h
Iso- late GB48 GB116 GB569	GB358 Z1	CAM600 CAM736 GB809	DK13	GB549	GB438	GB724	BE97	GB487

FIG. 4A-2

[류뉴: ]	SEQ ID NO 78	
Accession -140 ref.	T	48
-150	45	
-160	45 45 47	H H
-170		
-220 -180	* * *	
-230	AA	AC
Type -240	AA	
Туре	<b>MM</b> M	62 6a
Iso- late	SA1 BE95 BE96	HK1 HK2

FIG. 4A-3

Isolate	Type	- 133	-120	-110	-100	06-	08-		Accession number reference
HCV-1	1a	CCCGCTCAATC	CCCGCTCAATGCCTGGAGATTTGGGCGTGC <u>CCCCGCAAGACTGCTA</u> GCCGAGTAGTGTTGGGTCGCGA	reegcerec	CCCCGCAAGAC	TGCTAGCG	AGTAGTGTTG	GGTCGCGA	-
HCV-J BE82 BE90	심심심	5	29		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30			2
HC-J6	2a	AT	CIC		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		D	I	£ ,
HC-J8 BE91	2b 2b	AT	-T-CTC	AC			00		41
BE92	2c	AT- <u></u> -	TC	34			C	I	
BR56 BE93 BE94	######################################	A	-ACAA -ACAC -ACAC		TB	TCA			w
HCV-TR	335		CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GTCA-		# # # # # # # # # # # # # # # # # # #		9

FIG. 4B-1

8 4a 4a	Isolate	Туре	-130	-120	-110	-100	06-	8 -	-70	Accession number reference
49 4e	GB48 GB116 GB569 GB358	4444		-CA						
300 4c		4.0		-CCA	41		1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
14 4g	Сам600 Сам736 GB809	υυυ		TCA TCA TCA	1 1 4				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5a	8.7			A			1 1 1			
5a	24	th th	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A-						
3c	·					l t t i				7
3cGG	9	m	* * * * * * * * * * * * * * * * * * * *		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	ω
7 J F		<u>-</u> ير		CA-		0		1 1 1	1	
	GB438 4	41	1	CA-		B	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

FIG. 4B-2

	A - E - Q - R	K-0	::
	A - E - C - C - C - C - C - C - C - C - C	1 2	
	A A B B B B B B B B B B B B B B B B B B	2	
		IXI	
	A-EQR	II	·XS]
HCV-TA	A-E-Q	II	·XI]
	A - B B		· · · · · · · · · · · · · · · · · · ·
		O	
	A-E0	<del></del>	
		IK-0I	
	A-EQ	IK-0	·XS]
	HHH	MFK-0T	HKIKIIAP
	:		Nd-N]X
	ーー・ローター・ロラムーの・ゼー・		٤ ٤
	A-S-PQETV-H	WIK-0S	
	-LA-S-PETH	MK-0T	FMIVQKIIAP
	N-E-ERV-S	CMFK-AQ	pfITAKRNPDF-
	S-NXH-H-N	- 1	
			TT-AK
	7		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		1MYK-LQ	
	E-E-KSA	IMYK-LQ	-4Sd-XS1I4d
	E-E-KTA	WHK-DI	KK
	E-ERTA	JGHW	KISIK
	E-EKV-TA	TG-XHW	KEKSISK
	XH-H		X[S[S
		30 3 - 3	>-JXL\\XXX
	E-EKV-AA	WHK-DC	
	-SQ-EARQ-	WYK-QQ	FMM

FIG. 5A

		SEQ	ID	NO
	101			
HCV-1	SAGVQEDAASLRA			
HC-J1				
HCV-H	yan gan ann ann ann ain dan dan dan dan dan dan dan dan dan da			
HCV-J	TA			
HCV-JK1	TV			
HCV-CHINA	TV			
HCV-T	TV			
HC-J4.91	TA			
HCV-TA	TV			
HCV-JT	TV			
HCV-BK	TV			
BE90	TV		82	
HC-J6	-Q-TEERN			
HC-J8	-Q-NEERN			
BE91	-Q-NEERN		83	
BE92	-Q-TEERN		84	
T1	-DDR-A			
<b>T7</b>	-DDRTA			
BE93	-DDR-A		85	
<b>T9</b>	-CER-A			
T10	-CER-A			
GB48	-DEKRP-G-		86	
GB116	-DEKRA-G-		87	
GB215	-DEKRA-GV		88	
GB358	-DEKRA-G-		89	
GB549	-GERA		90	
GB809	-GEKRA-G-		91	
BE95	-Q-THE		92	
CHR18	-Q-THK			

FIG. 5B

1 2 3

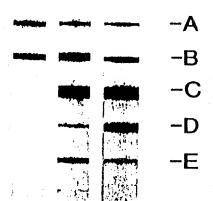


FIG. 6

, 1	2	3		
between pr	Deliniones, Designation	Grandway Grandway		A B
		Inner		C D E
				F G
	-		******	H
	· data in the same of the same			J K

FIG. 7

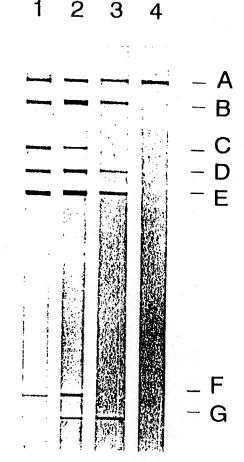


FIG. 8

	1, 2	
	Strategy .	- A
44 – 45 – 46 –	PLANNING	– С – D – Е
31 <sub>-</sub> 7-		- F - G

FIG. 9

FIG. 10